Index of Claims



Application No.

10/725,311

Examiner

Applicant(s)

KOYANAGI, YUKIO

Art Unit

David H. Malzahn

2124

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla             | aim                                    | Date     |  |  |          |              |              |                |  |                        |
|-----------------|--|----------|--|--|----------|--------------|--------------|----------------|--|------------------------|
| Final           | Original                               | 1/26/05  |  |  |          |              |              |                |  |                        |
|                 | 1                                      | R        |  |  | -        | $\vdash$     |              | $\vdash$       | -  |                        |
|                 | 2                                      | R        |  |  |          | П            |              | Г              |  |                        |
|                 | 3                                      | R        |  |  |          |              |              | Γ              |  |                        |
|                 | 1<br>2<br>3<br>4<br>5                  | 0        |  |  |          |              |              | Г              |  |                        |
|                 | 5                                      | 0        |  |  |          |              |              |                |  |                        |
|                 | 6<br>7                                 | 0        |  |  |          |              |              |                |  |                        |
|                 |  | R        | _  |  | _        |              | _            |                | _  | $\Box$                 |
|                 | 8                                      | 0        |  | _  |          |              |              | <u> </u>       | _  | Ш                      |
|                 | 9                                      | 0        | <u> </u>   | L_   | _        | <u> </u>     |              | _              |  | Щ                      |
|                 | 10                                     | R        | <u> </u>   | _  |          | <u> </u>     | <u> </u>     | <u> </u>       | <u> </u>   | Щ                      |
|                 | 11                                     | 0        | <u> </u>   | _  | _        | <u> </u>     | <u> </u>     | <u> </u>       | <u> </u>   | Щ                      |
| <u> </u>        | 12                                     | 0        | $\vdash$   | ₩  | $\vdash$ | $\vdash$     | <del> </del> | ├              | ├  | Щ                      |
|                 | 13                                     | R        | $\vdash$   | -  | -        | <del> </del> | ⊢            | <u> — </u>     | <del> </del>                                     | $\vdash \vdash$        |
|                 | 11<br>12<br>13<br>14<br>15<br>16<br>17 | R        | -  | <b>├</b> ─                                       | <u> </u> | <u> </u>     | _            | $\vdash$       | <u> </u>   | Н                      |
| <del> </del>    | 15                                     | 0        | ├-   | ├  | <u> </u> | <u> </u>     | _            | ⊢              | ⊢  | Н                      |
| _               | 10                                     | R        | ⊢  | <u> </u>   | -        | <del> </del> | $\vdash$     | $\vdash$       | $\vdash$   | $\vdash\vdash$         |
| ļ               | 10                                     | 0        | ├  | _  | _        | <del> </del> | $\vdash$     | ⊢              | H  | $\vdash$               |
| -               | 19                                     | 0        | ├─   |  | _        | <del> </del> | $\vdash$     | $\vdash$       | $\vdash$   | Н                      |
|                 | 20                                     | R        | ┢  |  | -        | ┢            | ⊢            | ┢╌             | ┢  | Н                      |
|                 | 21                                     | o        | $\vdash$   | <del>                                     </del> |          | ├            | $\vdash$     | ┢              | -  | Н                      |
|                 | 22                                     | 0        |  | _  |          | $\vdash$     | $\vdash$     | $\vdash$       | ┢  | Н                      |
|                 | 23                                     | Ī        | <del>                                     </del> |  |          |              | $\vdash$     |                |  |                        |
|                 | 23<br>24                               | R        |  |  |          |              |              |                | <del>                                     </del> |                        |
|                 | 25                                     | 0        |  |  | -        | Т            | Г            | Π              | _  | П                      |
|                 | 26<br>27                               | R        |  |  |          |              |              |                |  | П                      |
|                 | 27                                     | R        |  |  |          |              |              |                |  |                        |
|                 | 28                                     | R        |  |  |          |              | 1            |                |  |                        |
|                 | 29<br>30                               | R        |  | $oxed{oxed}$                                     |          |              |              |                |  |                        |
| <u></u>         | 30                                     | R        |  |  | _        |              |              |                |  | Ш                      |
| <u> </u>        | 31                                     | R        | <u> </u>   |  | L        | L            | <u> </u>     |                | <u> </u>   | Ш                      |
| <u> </u>        | 32                                     | R        | L  | <u> </u>   | _        | <u> </u>     | $oxed{oxed}$ |                | L.   | Щ                      |
| <u> </u>        | 33                                     | R        | <u> </u>   | _  | <u> </u> | <u> </u>     | <u> </u>     | <u> </u>       |  | Ш                      |
| <u> </u>        | 34                                     | R        | <u> </u>   | ⊢  | _        | <u> </u>     | <u> </u>     | <u> </u>       | -  | Щ                      |
| <u> </u>        | 35                                     | R        | _  | -  | _        | ├            | _            | <del> </del> — | ļ  | Н                      |
| <u> </u>        | 36<br>37                               | <u> </u> | _  | -  | $\vdash$ | $\vdash$     | $\vdash$     | -              | ⊢  | $\vdash\vdash$         |
| <u> </u>        | 38                                     | H        | -  | -  | $\vdash$ | -            | -            | ┢              | $\vdash$   | $\vdash \vdash$        |
| $\vdash$        | 39                                     | -        |  | -  | $\vdash$ | ├            | _            | $\vdash$       | $\vdash$   | Н                      |
| <u> </u>        | 40                                     | -        | <u> </u>   |  | -        | $\vdash$     |              | ⊢              |  | $\vdash\vdash$         |
| $\vdash \vdash$ | 41                                     | $\vdash$ | -  | $\vdash$   | -        | <u> </u>     | -            | Η-             | $\vdash$   | $\vdash \vdash \vdash$ |
|                 | 42                                     | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$     | -            | -              | $\vdash$   | $\vdash \vdash$        |
|                 | 43                                     | _        | $\vdash$   | $\vdash$   |          |              |              | Н              | Н  | $\vdash$               |
|                 | 44                                     | Н        |  |  | П        | Н            | _            | Г              | Н  | $\vdash$               |
|                 | 45                                     |          | М  |  |          |              |              |                |  |                        |
|                 | 46                                     | П        | Г  | П  | _        |              | _            | Т              |  | $\vdash$               |
|                 | 47                                     |          |  |  | П        |              |              |                |  |                        |
|                 | 48                                     |          |  |  |          |              |              |                |  |                        |
|                 | 49                                     |          |  |  |          |              |              |                |  |                        |
|                 | 50                                     |          |  |  |          |              |              |                |  |                        |

|          |                | _  |              |  |          | n=4  |          |          |              |          |
|----------|----------------|--|--------------|--|----------|--|----------|----------|--------------|----------|
| Cla      | aim            | ┝  | г-           |  |          | Date   | e<br>I   | 1        |              | τ        |
| Final    | Original       |  |              |  |          |  |          |          |              |          |
|          | 51             |  |              |  |          |  |          |          |              |          |
|          | 52<br>53       | _  | L            |  |          | <u></u>  |          |          | L            |          |
|          | 53             | L  |              | <u> </u>   | <u> </u> |  | Ļ_       |          | <u>Ļ</u>     | <u> </u> |
| -        | 54             | <u> </u>   |              |  | ļ        | <u> </u>   | L_       | _        | L_           | ╙        |
|          | 55             |  | ⊢            | -  |          | <b> </b>   | <u> </u> | <u> </u> | <u> </u>     | L        |
|          | 56             | <u> </u>   | <u> </u>     | -  | <u> </u> | -  | <u> </u> |          | <u> </u>     | _        |
|          | 57<br>58       | -  | <del> </del> | -  | $\vdash$ | ├  | ┝        | -        | <del> </del> | -        |
|          | 59             | <del> </del>                                     | $\vdash$     | <del> </del>                                     | ⊢        | $\vdash$   | -        | -        |              | -        |
|          | 60             |  |              | -  | -        | ⊢  | -        | ┢        | ⊢            | ┝        |
|          | 61             | -  | ┢            | $\vdash$   | -        | ┢  | -        | ┢        | ⊢            | ⊢        |
|          | 62             | -  | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$ | ┢        |              | ┢        |
|          | 63             |  |              |  | · · ·    | <del>                                     </del> | ┢        | $\vdash$ | $\vdash$     | ┢        |
|          | 64             | <del>                                     </del> |              | Г  |          |  |          |          |              | $\vdash$ |
|          | 65             | $\vdash$   | Г            |  |          |  |          | $\vdash$ |              |          |
|          | 66             |  |              |  |          |  | Г        |          |              |          |
|          | 66<br>67       |  |              |  |          |  |          |          |              | Γ        |
|          | 68             |  |              |  |          |  |          |          |              |          |
|          | 69             |  | 匚            |  | L        |  |          |          |              |          |
|          | 70             |  | 乚            | $oxed{oxed}$                                     | _        |  |          |          |              |          |
|          | 71<br>72<br>73 | _  | <u> </u>     | 匚  | _        | <u> </u>   | _        | L        | _            | L        |
|          | 72             |  |              |  | L        | ╙  |          | L        | <u> </u>     | L        |
| <u> </u> | 73             | _  | <u> </u>     | L.   | ļ        | L_   | _        | Ľ        | <u> </u>     | L        |
| <u> </u> | 74<br>75       | <u> </u>   | ╙            | L  | <u> </u> | <u> </u>   | _        | _        |              | <u> </u> |
| <u> </u> | 75             |  | <u> </u>     | ├  | ⊢        | <u> </u>   | <u> </u> | -        | _            | -        |
| -        | 76             | _  | _            | ⊢  | <u> </u> | -  | -        | ├        | <del> </del> | H        |
| <u> </u> | 77<br>78       | ⊢  | $\vdash$     | -  |          |  | ⊢        | H        | -            | _        |
| <b>—</b> | 79             | $\vdash$   | $\vdash$     | ┢  | -        | ┢  |          | -        | -            | ┝        |
| <b></b>  | 80             |  | H            | $\vdash$   | ┈        | -  |          | ┢        | <del> </del> | $\vdash$ |
|          | 81             | _  |              | $\vdash$   |          | $\vdash$   |          |          | $\vdash$     | <u> </u> |
|          | 82             | $\vdash$   | $\vdash$     | $\vdash$   | _        |  |          |          |              |          |
|          | 83             |  | П            | Г  | _        |  |          |          |              |          |
|          | 84             |  |              |  |          |  |          |          |              |          |
|          | 85             |  |              |  |          |  |          |          |              |          |
|          | 86             | L  | <u> </u>     |  |          | $oxedsymbol{oxed}$                               |          |          |              |          |
| <u></u>  | 87             |  |              |  |          |  |          |          |              |          |
| L        | 88             | Ш  | <u> </u>     | _  | L        |  |          | Ш        | L            | _        |
|          | 89             | _  | <u> </u>     | _  | <u> </u> |  |          |          |              | <u> </u> |
|          | 90             | _  | ⊢            | <u> </u>   |          | _  |          |          |              | <u> </u> |
|          | 91             | L  | <u> </u>     | <u> </u>   | L        |  |          |          |              | <u> </u> |
| -        | 92<br>93       | $\vdash$   | $\vdash$     | $\vdash$   | -        |  | _        |          | -            | <u> </u> |
|          | 94             |  | -            | $\vdash$   | $\vdash$ | -  | H        | $\vdash$ | H            | -        |
| -        | 95             | _  | ├            | $\vdash$   | $\vdash$ | -  | -        | <b>-</b> | $\vdash$     | Η-       |
| $\vdash$ | 96             | -  | $\vdash$     | ┝  | $\vdash$ | $\vdash$   | H        |          | -            | -        |
| $\vdash$ | 97             | $\vdash$   |              | $\vdash$   | -        | $\vdash$   |          |          | -            | -        |
| $\vdash$ | 98             | H  | <u> </u>     | <del>                                     </del> | H        | $\vdash$   | _        |          | $\vdash$     | Н        |
| $\vdash$ | 99             | Н  |              |  |          | Н  |          |          | -            |          |
| П        | 100            |  |              |  |          | П  |          | _        |              | Т        |
|          |                | Щ.   | _            |  |          |  |          | نــــا   |              | ٠        |

|       | _                 |          |          |              |          |          |              | _  |            |          |  |
|-------|-------------------|----------|----------|--------------|----------|----------|--------------|--|------------|----------|--|
| Claim |                   | Date     |          |              |          |          |              |  |            |          |  |
| Final | Original          |          |          |              |          |          |              |  | <br> -<br> |          |  |
|       | 101               |          |          |              |          |          |              |  |            |          |  |
|       | 101<br>102        |          |          |              |          |          |              |  |            |          |  |
|       | 103               | <u> </u> | Ļ        |              |          |          |              |  |            |          |  |
|       | 104               |          | _        | <u> </u>     | <u> </u> | <u> </u> | _            | <u> </u>   | _          |          |  |
|       | 105               | <u> </u> | <u> </u> | <u> </u>     | <u> </u> | <u> </u> | <u> </u>     | _  | _          | <u> </u> |  |
|       | 106               | ├-       | ⊢        |              | ⊢        | ⊢        | <u> </u>     | -  | _          |          |  |
|       | 107<br>108        | ┝        | $\vdash$ | -            | ├─       | ⊢        | ⊢            | ┢  | $\vdash$   | $\vdash$ |  |
|       | 109               |          | $\vdash$ | -            | ┝        | -        | $\vdash$     | $\vdash$   | -          | Н        |  |
|       | 110               |          | $\vdash$ | $\vdash$     | $\vdash$ | ┢        | $\vdash$     |  |            | Н        |  |
|       | 111               |          | ┢        | İ            |          |          | 1            | <del>                                     </del> |            |          |  |
|       | 112               |          |          |              |          |          | $\vdash$     |  |            |          |  |
|       | 113               |          |          |              |          |          |              |  |            |          |  |
|       | 114               |          |          |              |          |          |              | Ĺ  |            |          |  |
|       | 115               |          | <u> </u> | <u> </u>     |          | <u> </u> | 匚            |  |            |          |  |
|       | 116               |          | <u> </u> | L_           | <u> </u> | <u> </u> | 乚            | L  |            | Ш        |  |
|       | 117               | _        | _        | ļ            | <u> </u> | <u> </u> |              | _  | _          |          |  |
|       | 118               | -        | ļ        | -            | ├—       | ├        | ⊢            | ⊢  | <u> </u>   | Н        |  |
|       | 119<br>120        | _        | ┝        | $\vdash$     | ⊢        | -        | <del> </del> | ⊢  | ├          | -        |  |
|       | 120               |          | ├        | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$   |            | Н        |  |
|       | 122               | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | ┢        |              | -  | $\vdash$   | Н        |  |
|       | 121<br>122<br>123 | $\vdash$ |          | ┢            | $\vdash$ | ┢        |              | 一  | -          | Н        |  |
|       | 124               | $\vdash$ | _        |              |          |          |              |  |            |          |  |
|       | 124<br>125        |          |          |              |          |          |              |  |            |          |  |
|       | 126               |          |          |              |          |          |              |  | L_         |          |  |
|       | 127<br>128        |          | _        |              | _        | <u> </u> | _            | L  | _          |          |  |
|       | 128               | ļ        | <u> </u> |              | _        | <u> </u> | _            | <u> </u>   | <u> </u>   | Ш        |  |
| -     | 129               | -        | ┝        |              | ⊢        | <u> </u> | <u> </u>     |  | -          | Н        |  |
| ١     | 130<br>131        | ⊢        |          | -            | ┝        | -        | ┢            | <del> </del>                                     | ⊢          |          |  |
|       | 132               | -        | ┝        | ┢─           | ┢        |          | -            | -  | ┢╌         | Н        |  |
|       | 133               |          |          |              | $\vdash$ | -        | _            | ┢  | _          | Н        |  |
|       | 134               |          |          |              |          |          |              | Г  |            |          |  |
|       | 135               |          |          |              |          |          |              |  |            |          |  |
|       | 136               |          |          |              |          | Ш        |              |  |            |          |  |
|       | 137               |          | L        |              | <u> </u> |          |              |  |            | Ш        |  |
|       | 138<br>139        |          |          | <u> </u>     |          |          | <u> </u>     | _  | _          |          |  |
|       | 139               | <u> </u> |          | <u> </u>     | <u> </u> | <u> </u> | ⊢            | _  |            | Н        |  |
|       | 140<br>141        | $\vdash$ | -        | ļ            | _        |          | ⊢            | <del> </del>                                     |            | Н        |  |
|       | 142               |          | H        | <del> </del> | $\vdash$ | H        |              | <del> </del>                                     | H          | $\vdash$ |  |
|       | 143               |          |          | $\vdash$     | -        | -        | $\vdash$     | $\vdash$   | Н          | $\vdash$ |  |
| -     | 144               | _        | Т        |              |          | П        | _            | H  | Т          | Н        |  |
|       | 145               |          |          |              | Г        |          | T            |  |            | П        |  |
|       | 146               |          |          |              |          |          |              |  |            |          |  |
|       | 147               |          |          |              |          |          |              |  |            |          |  |
|       | 148               |          |          |              |          |          | 匚            |  |            |          |  |
|       | 149               |          |          |              |          | Щ.       | L.           | Щ  |            |          |  |
|       | 150               |          | L        | L            |          |          | <u> </u>     | $oxed{oxed}$                                     |            |          |  |